



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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May 11, 2000

TO: Minerals File
FROM: Doug Jensen, Reclamation Specialist *D. Jensen*
RE: Site Inspection, North Lily Mining Company, Tintic Project, M/023/007, Juab County, Utah

Date of Inspection: May 9, 2000
Time of Inspection: 0930 AM
Conditions: Warm
Participants: Elwin Ewell, North Lily; Beth Wondimu, DWQ; Doug Jensen, DOGM

Purpose of Inspection: Site progress evaluation

Beth Wondimu and I arrived at the site at 930 AM. Elwin Ewell was at the site and walked around the site with us answering our inquiries. A trackhoe was just completing a flattened pad area on the heap that will be used for the "mister" system. This pad area is located about ten to fifteen feet above ground level and traverses the entire length of the heap on the West side. The ditches below this area are also being cleaned out at the same time. The quality of the trackhoe work is very good and the ditch cleaning effort will result in improved flows from the heap. This is evidenced by the amount of water presently flowing in the cleaned-out ditch, that was not evident before. The ditch was flowing at approximately ten to fifteen gpm at the time of our visit. A small amount of material still remains in the ditch. I think that in order to properly evaluate the condition of the ditch liner, some hand shoveling will be necessary to remove the material that remains in the ditch.

No more misters have been added to the heap, though some of the smaller mister sprays have been elevated where there is more exposure of the sprays to the wind and sun. The area being sprayed remains the same, but the open lines and streams of water running off the heap, that was present at the last visit, was no longer apparent.

The water level in the preg pond has dropped about a foot since the last visit and according to Mr. Ewell the level continues to drop. The barren pond level was a little higher than it was at the last visit (hard to quantify). The condition of the secondary liner in the barren pond continues to deteriorate. The tear in the southwest corner of the pond has almost doubled in size. This tear is now approximately thirty feet long and the liner seems to be moving down the slope toward the bottom of the pond. The secondary liner on the entire west side of the barren pond has numerous holes ranging in size from one inch to ten to twelve inches. It is my opinion that this liner will completely fail by the end of the season, even sooner if there is a wind storm in the area this summer.

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Mr. Ewell had placed several patches on several holes in the preg pond. He stated that he had placed these patches before our last visit to the site. He stated that he was waiting for approval of his patching efforts before he proceeded with any more patching of these larger holes in the pond. I suggested that Elwin attempt to pump the monitor well in the preg pond to see if the system is still viable. He indicated that a pump was available at the site to pump this well.

Some clean-up has been completed at the site around the plant, but there remains quite a bit of material still to be removed. The four barrels of cyanide and the tank of caustic still remain at the site. It was encouraging to see some progress being made at the site.

The site and the top soil areas are presently being overgrown with white-top, which is a noxious weed. If nothing is done to control this condition, reclamation efforts will only result in this weed being spread to the heap. Lynn Kunzler, DOGM Biologist, recommends that the site be immediately sprayed to control this problem. If an attempt is not made immediately, the weed will go to seed and spraying will not be effective.

Beth and I left the site for Salt Lake at 10:30 AM.

jb
cc: Steve Flechner, North Lily Mining
Bob Bayer, JBR Environmental
Beth Wondimu, DWQ
Mary Ann Wright, DOGM
Wayne Hedberg, DOGM
Tracking File

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